

Remarks

Reconsideration of the application is respectfully requested in view of the foregoing amendments and following remarks. Claims 116-121, 123-127, 129-134, 136-141, 143-148, 150-154 and 168-183 are pending in the application. No claims have been allowed. Claims 116, 123, 129, 136, 143, 150 and 168-179 are independent. Claims 116, 123, 129, 136, 143, 150 and 168-183 have been amended.

Claim Rejections under 35 USC § 112

Claim 116-121, 123-127, 129-134, 136-141, 143-148, 150-154 and 168-183 are rejected under the first paragraph of 35 U.S.C. § 112, as failing to comply with the written description requirement. Applicants respectfully disagree that the language, “wherein each of the plural available types of multi-channel transforms specifies a different transformation across plural channels values at a given index in the plural channels,” is not clearly described. However, to expedite prosecution, applicants have amended all independent claims (claims 116, 123, 129, 136, 143, 150 and 168-179) to recite, “wherein each of the plural available types of multi-channel transforms specifies a different transformation across plural channels *for co-located values in the plural channels*” (claims 116, 129, 136, 150, 168, 170, 171, 174, 176 and 177) or “wherein each of the plural available types of inverse multi-channel transforms specifies a different transformation across plural channels *for co-located values in the plural channels*” (claims 123, 143, 169, 172, 173, 175, 178 and 179).

For example, the Application, at page 24, lines 1-12, describes grouping co-located values of channels for performing multi-channel transforms according to example implementations as follows (emphasis added):

In some embodiments, the partitioner/tile configurer (620) partitions frames of multi-channel audio on a per-channel basis. The partitioner/tile configurer (620) independently partitions each channel in the frame, if quality/bitrate allows. This allows, for example, the partitioner/tile configurer (620) to isolate transients that appear in a particular channel with smaller windows, but use larger windows for frequency resolution or compression efficiency in other channels. This can improve compression efficiency by isolating transients on a per channel basis, but additional information specifying the partitions in individual channels is needed in many cases. *Windows of the same size that are co-located in time may qualify for further redundancy reduction through multi-channel transformation. Thus, the partitioner/tile configurer (620)*

groups windows of the same size that are co-located in time as a tile. For additional detail about tiling in some embodiments, see the section entitled "Tile Configuration."

Regarding claims 180-183, the Application at page 39, lines 4-9, describes performing inverse multi-channel transforms on multiple channels at a particular frequency index according to example implementations as follows:

Figure 15 shows a technique (1500) for performing an inverse-multi-channel transform before inverse weighting in the decoder. The decoder performs (1510) one or more inverse multi-channel transforms on quantized audio data, for example, as described below. In particular, the decoder collects samples from multiple channels at a particular frequency index into a vector x_{mc} and performs the inverse multi-channel transform A_{mc} to generate the output y_{mc} .

As these sections of the Application make clear, multi-channel transforms (and corresponding inverse multi-channel transforms) are applied to co-located values in plural channels. The language satisfies the § 112 written description requirement, and Applicants request that the § 112 rejection be withdrawn.

Allowable Subject Matter

The Action indicates that claims 116-121, 123-127, 129-134, 136-141, 143-148, 150-154 and 168-183 would be allowable if amended to overcome the § 112 rejection. As discussed above, Applicants have amended the claims and believe that the claims should be allowable.

Request for Interview

If the claims are not found by the Examiner to be allowable, the Examiner is requested to call the undersigned attorney to set up an interview to discuss this application.

Conclusion

The claims should be allowable. Such action is respectfully requested.

Respectfully submitted,

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